

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mitsuru Furusawa
Application No. : 10/550,924
Intl. Application No. : PCT/JP04/04378
Intl. Filing Date : March 26, 2004
For : METHOD AND SYSTEM FOR RAPIDLY CONFERRING A
DESIRED TRAIT TO AN ORGANISM

Docket No. : 690116.401USPC
Date : October 10, 2006

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicant wishes to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of any other cited references are enclosed. As to any reference cited, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



#42,676

For Julie A. Urvater, Ph.D., Patent Agent
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Enclosures:

Information Disclosure Statement
Cited References (7)

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 690116.401USPC	APPLICATION NO. 10/550,924
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Mitsuru Furusawa	
		INTL. FILING DATE March 26, 2004	INTL. APPLICATION NO. PCT/JP04/04378

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	AK	EP 1054057 A1	11/22/00	EPO	
	AL				
	AM				
	AN				
	AO				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Aoki et al., "Promotion of Evolution by Intracellular Coexistence of Mutator and Normal DNA Polymerases," <i>J. theor. Biol.</i> 209:213-222, 2001.
AQ	Barnes et al., "Localization of the exonuclease and polymerase domains of <i>Bacillus subtilis</i> DNA polymerase III," <i>Gene</i> . 111:43-49, 1992.
AR	Furusawa et al., "Asymmetrical DNA replication promotes evolution: disparity theory of evolution," <i>Genetica</i> 102/103:333-347, 1998.

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	BB				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BC		Goldsby et al., "High incidence of epithelial cancers in mice deficient for DNA polymerase δ proofreading," <i>Proc. Natl. Acad. Sci. USA</i> 99(24):15560-15565, November 26, 2002.
BD		Morrison et al., "Pathway correcting DNA replication errors in <i>Saccharomyces cerevisiae</i> ," <i>The EMBO Journal</i> 12(4):1467-1473, 1993.
BE		Morrison et al., "The 3'→5' exonucleases of both DNA polymerases δ and ε participate in correcting errors of DNA replication in <i>Saccharomyces cerevisiae</i> ," <i>Mol. Gen. Genet.</i> 242:289-296, 1994.

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